



AlphaStation 200 4/233 V2.1

Digital Systems and Options Catalog

Digital believes the information in this publication is accurate as of its publication date; such information is subject to change without notice. Digital is not responsible for any inadvertent errors.

Digital conducts its business in a manner that conserves the environment and protects the safety and health of its employees, customers, and the community.

Digital, the DIGITAL logo are trademarks of Digital Equipment Corporation.

Printed in USA. Copyright 1996 Digital Equipment Corporation. All rights reserved.

AlphaStation 200 4/233 ADVANTAGE CONFIGURATIONS

Y=in base configuration; M=mandatory option; O=option

AlphaStation 200 4/233	Resources Used		Digital UNIX 3D Solids		Digital UNIX/ OpenVMS 2D		Windows NT 2D
Application Profile			CAD		CAD		CAD
Includes: (120V/240V)			PB430-CB		PB430-BB PB431-BB		PB432-AB
CPU Alpha microprocessor	21064A 233-MHz	Y	Y	Y	Y	Y	Y
Floppy Disk Drive 1.44 MB	Dedicated bay	Y	Y	Y	Y	Y	Y
CD-ROM 600 MB	5.25" SCSI bay	Y	Y	Y	Y	Y	Y
Ethernet, Sound, Headset, Microphone, Mouse		Y	Y	Y	Y	Y	Y
Operating System		Y	Y	Y	Y	Y	Y
Memory (a)	1 bank	Y	64 MB	Y	64 MB	Y	32 MB
Internal storage	1" bay 1 SCSI	Y	2 GB	Y	1 GB	Y	1 GB
Graphics	1 PCI slot	Y	ZLXp-L1	Y	ZLXp-E1 (b)	Y	ZLXp-E1 (b)
User Documentation-English		Y	Y	Y	Y	Y	Y
Remaining available resources							
I/O slots PCI / ISA / Combo(c)			0 / 1 / 1		0 / 1 / 1		0 / 1 / 1
Memory banks			2		2		2
3.5 x 1" / 3.5 x 1.6" bays			0 / 1		0 / 1		0 / 1
SCSI-2 devices (d, e)			5		5		5
1. Country Options	Select		1		1		1
PS/2 style keyboard (f)		M	LK471-xx	M	LK471-xx	M	LK471-xx
VMS / VT style keyboard (f)			LK461-xx		LK461-xx		LK461-xx
Power Cord (g)		M	BNxxx-xx	M	BNxxx-xx	M	BNxxx-xx
Note: LK471-AA and LK461-AA, English keyboards, include U.S. power cord; power cord does not need to be ordered separately.							
2. Color Monitors	Select		1		1		1
17" Color Monitor NH/SH (h)		M	VRT17-PA/P4	M	VRT17-PA/P4	M	VRT17-PA/P4
21" Color Monitor NH/SH (h)		M	VRC21-LA/P4	M	VRC21-LA/P4	M	VRC21-LA/P4
3. Additional Memory	Select		0, 1 or 2		0, 1 or 2		0, 1 or 2
16-Mbyte	1 bank	O	MSP01-AB	O	MSP01-AB	O	MSP01-AB
32-Mbyte	1 bank	O	MSP01-AC	O	MSP01-AC	O	MSP01-AC
64-Mbyte	1 bank	O	MSP01-AD	O	MSP01-AD	O	MSP01-AD
4. Second hard drive	Select		0 or 1		0 or 1		0 or 1
1.05 Gbyte 5400 RPM	1" bay 1 SCSI	O	PBXRZ-EB	O	PBXRZ-EB	O	PBXRZ-EB
2.1 Gbyte 5400 RPM	1" bay 1 SCSI	O	PBXRZ-HB	O	PBXRZ-HB	O	PBXRZ-HB
4.3 Gbyte 7200 RPM	1.6" bay 1 SCSI	O	PBXRZ-NA	O	PBXRZ-NA	O	PBXRZ-NA
5. Software Media and Documentation Kit							
Digital UNIX		O	QA-MT4AA-H8	O	QA-MT4AA-H8		
OpenVMS				O	QA-MT1AP-H8		
6. Additional Options: See AlphaStation Options for a comprehensive list of qualified options (a)							

- (a) Six SIMM slots support three memory banks (3 SIMM pairs). Memory pairs can be mixed.
- (b) Multi-screen graphics options for Digital UNIX and OpenVMS systems. Options require DEC Open3D media which is included in factory installed software (FIS). Windows NT graphics options include ZLXp-E Support Services Software license, media and documentation.
- (c) For PCI or ISA cards, check the availability of slots (initially 1 PCI, 1 PCI/ISA combination, 1 ISA).

- (d) For more than 7 internal or external devices, a fast SCSI-2 controller, which supports 7 devices, is required.
- (e) Each external device requires a 3-foot SCSI-cable.
- (f) Select country-specific keyboard from AlphaStation Options section.
- (g) Select country-specific power cord from AlphaStation Options section.
- (h) Monitors include video cable and 120 V power cord. Order country specific power cord for 240V use from AlphaStation Options section.

AlphaStation 200 4/233 BASE CONFIGURATIONS

Y=in base configuration; M=mandatory option; O=option

AlphaStation 200 4/233	Resources Used		Digital UNIX	OpenVMS	Windows NT
Includes: (120V/240V)			PB42A-AA	PB42A-BA	PB42A-CA
CPU Alpha microprocessor	21064A1233-MHz	Y	Y	Y	Y
Floppy Disk Drive 1.44 MB	Dedicated bay	Y	Y	Y	Y
CD-ROM 600 MB	5.25" bay SCSI	Y	Y	Y	Y
Ethernet, Sound, Headset, Microphone, Mouse		Y	Y	Y	Y
Integration Service		Y	Y	Y	Y
Operating System		Y	Y	Y	Y
User Documentation English		Y	Y	Y	Y
Remaining available resources					
I/O slots PCI / ISA / combo (a)			1 / 1 / 1	1 / 1 / 1	1 / 1 / 1
Memory banks (b)			3	3	3
3.5 x 1" / 3.5 x 1.6" bays			1 / 1	1 / 1	1 / 1
SCSI-2 devices (c, d)			6	6	6
1. Country Options	Select		1	1	1
PS/2 style keyboard (e)		M	LK471-xx	LK471-xx	LK471-xx
VMS / VT style keyboard (e)			LK461-xx	LK461-xx	LK461-xx
Power Cord (f)		M	BNxxx-xx	BNxxx-xx	BNxxx-xx
Note: LK471-AA and LK461-AA, English keyboards, include U.S. power cord, power cord does not need to be ordered separately.					
2. Memory			Minimum Required	Minimum Required	Minimum Required
Memory Required 1			32 MB	32 MB	16 MB
Optional Available 2 or 3	Select		1, 2 or 3	1, 2 or 3	1, 2 or 3
16 Mbyte	1 bank	M	MSP01-AB	MSP01-AB	MSP01-AB
32 Mbyte	1 bank	M	MSP01-AC	MSP01-AC	MSP01-AC
64 Mbyte	1 bank	M	MSP01-AD	MSP01-AD	MSP01-AD
128 Mbyte	1 bank	M	MSP01-AE	MSP01-AE	MSP01-AE
3. Hard drive	Select		1 or 2	1 or 2	1 or 2
1.05 Gbyte 5400 RPM	1" bay 1 SCSI	M	PBXRZ-ED	PBXRZ-ED	PBXRZ-ED
2.1 Gbyte 5400 RPM	1" bay 1 SCSI	M	PBXRZ-HB	PBXRZ-HB	PBXRZ-HB
4.3 Gbyte 7200 RPM	1.6" bay 1 SCSI	M	PBXRZ-NA	PBXRZ-NA	PBXRZ-NA
4. Graphics	Select		1	1	1
ZLXp-E1 8-plane (g)	1 PCI slot	M	PBXGA-AA	PBXGA-AA	PBXGA-AN
ZLXp-E2 24-plane (g)	1 PCI slot	M	PBXGA-BA	PBXGA-BA	PBXGA-BN
ZLXp-E3 24-plane Z-buffer (g)	1 PCI slot	M	PBXGA-CA	PBXGA-CA	PBXGA-CN
ZLXp-L1 24-plane	1 PCI slot	M	PBXGC-AA	PBXGC-AA	
ZLXp-L2 24-plane	2 PCI slots	M	PBXGC-BA	PBXGC-BA	
5. Color Monitors	Select		1	1	1
17" Color Monitor NH/SH (h)		O	VRT17-PA/P4	VRT17-PA/P4	VRT17-PA/P4
21" Color Monitor NH/SH (h)		O	VRC21-LA/P4	VRC21-LA/P4	VRC21-LA/P4
6. Software Media and Documentation Kits					
Digital UNIX		O	QA-MT4AA-H8		
OpenVMS		O		QA-MT1AP-H8	
7. Additional Options: Refer to AlphaStation Options for a comprehensive list of qualified options (a)					

- (a) Check availability of slots (initially 1 PCI, 1 PCI/ISA combo, ISA).
 (b) Six SIMM slots support three memory banks (3 SIMM pairs). Memory pairs can be mixed.
 (c) For more than 7 internal or external devices, a fast SCSI-2 controller, which supports 7 devices, is required.
 (d) Each external device requires a 3-foot SCSI-cable.
 (e) Select country-specific keyboard from AlphaStation Options section.
 (f) Select country-specific power cables from AlphaStation Options section.

- (g) Multi-screen graphics options for Digital UNIX and OpenVMS systems require DEC Open3D media which is included in factory installed software (FIS). Windows NT graphics options include ZLXp-E Support Services Software license, media and documentation.
 (h) Monitors include video cable and 120 V monitor power cord, order country specific power cord for 240V use from AlphaStation Options section.